

Horse Production and Training

ASSOCIATE OF APPLIED SCIENCE DEGREE

Department: Agriculture

Department Chair: Marcus Nichols (541) 881-5968

Advising: Sandra Porter (541) 881-5969

PROGRAM OVERVIEW

This program prepares students for a variety of careers in horse production, including horse trainer, horse breeder, farrier, and small ranch operator. The program combines theory with practical skills needed for daily horse ranch operations. Student will learn the foundations of equine production practices as well as have hands-on experience working with ranch livestock.

This degree is designed for students wishing to directly enter the workforce. It is not designed to transfer to specific programs at a four-year college or university. **Students who wish to transfer coursework are strongly encouraged to work closely with their TVCC advisor to develop a transfer plan and to identify and contact an advisor at their chosen transfer institution.** A minimum of 90 credits and a minimum 2.0 grade point average are needed to graduate.

DUAL CREDIT (2+2)

Students will receive credit for agriculture classes taken in high school as equivalent to college classes provided that the high school classes are listed on a signed articulation agreement between the specific high school and the college. Credit will be transcribed as equivalent to a parallel community college course.

WORK-BASED LEARNING

Students integrate classroom learning with work-based learning by participating in an internship (Cooperative Work Experience, AG 280) at a supervised work site. Department Chair approval is required. Credits and grades are based on job hours worked, work performance, and completion of learning objectives specified in a learning contract.

LEARNING OUTCOMES

Students who complete the degree will be prepared to:

- Demonstrate ability to establish and manage an equine breeding program.
- Administer a vaccination and parasite control management plan.
- Demonstrate the ability to design and operate a working equine facility.
- Halter break, green break, and train a working cow horse for ranch use.
- Correctly trim and shoe a horse.

RELATED EDUCATION REQUIREMENTS (10 CREDITS)

Students must have appropriate test scores in writing and math to enter the related courses listed. Students who test below the required level will be given the opportunity to take preparatory courses. A college advisor will assist students with selecting the appropriate preparatory course or courses.

- **Communication Skills (3 credits)**
 - WR 101 Technical Writing
- **Computation Skills (3 credits)**
 - AET 211 Engineering Problems
- **Human Relations Skills (4 credits)**
 - PSYCH 101 Psychology of Human Relationships
 - INED 156 Employment Strategies

REQUIRED COURSES FOR HORSE PRODUCTION AND TRAINING (81 CREDITS)

Courses are noted according to the quarter most frequently offered and shown in the recommended or necessary sequence.

YEAR 1

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ANS 192	Horsemanship	3
- ANS 220	Intro to Horse Production	3
- ANS 121	Intro to Animal Science	3
- ANS 122	Intro to Animal Science Operations	1
- ANS 200	Livestock Skills	3
- AG 207	Agriculture Seminar	1
- ANS 141	Basic Halter Training	3
- AG 107	Basic Hoof Maintenance	3
• Winter Quarter		
- AG 111	Agriculture Computers	3
- ANS 222	Equine Health and Disease	3
- ANS 142	Green Breaking	4
- ANS 108	Advanced Horseshoeing	3
• Spring Quarter		
- ANS 143	Advanced Horse Training	3
- ANS 295	Reining	2
- ANS 277	Equine Reproduction	2
- AG	Any Agriculture Elective	3
- HPE 120	First Aid & CPR	2

YEAR 2

<u>COURSE #</u>	<u>COURSE TITLE</u>	<u>CREDITS</u>
• Fall Quarter		
- ANS 223	Equine Business & Marketing	3
- ANS 294	Cow Cutting	2
- AREC 210	Farm Business Management	3
- AG	Any Agriculture Elective	3
• Winter Quarter		
- CSS 210	Forage Production	3
- ANS 263	Building and Stable Management	3
- ANS 297	Working Cow-Horse	3
- ANS 211	Applied Animal Nutrition	3
• Spring Quarter		
- AG 201	Current Issues in Agriculture	1
- ANS 210	Feed and Ration Formulation	3
- ANS 298	Arena Horse Skills	3
- AG 280	Cooperative Work Experience	3
- AG	Any Agriculture Elective	3

Total Number of Credits in Degree91